Index of Claims

| <b>Applicati</b> | on/Contr | ol No. |
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Applicant(s)/Patent under Reexamination

10/069,539 Examiner

COLAK ET AL. Art Unit

Scott Beliveau

2623

| ; | √ | Rejected |
|---|---|----------|
|   | = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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|   | Restricted                     |

| Z | Non-Elected  |
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| - | Interference |

| A | Appeal   |
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| Cla          | aim      |          | _            |          | C        | ate      | •        |          |                 |          |       | Cla      | im       |                 |           |          | Date            |          |                   |          |          | Claim      |                |  |   | Da                      | e         |                 | _        |   |
|--------------|----------|----------|--------------|----------|----------|----------|----------|----------|-----------------|----------|-------|----------|----------|-----------------|-----------|----------|-----------------|----------|-------------------|----------|----------|------------|----------------|--|---|-------------------------|-----------|-----------------|----------|---|
|              | <u></u>  |          |              |          |          |          |          |          |                 |          |       |          | 100      |                 |           |          | Π               |          |                   |          | _        | ब          | -              |  |   |                         |           |                 |          |   |
| Final        | Original | 6/2/2    |              |          |          | ļ        |          |          |                 |          |       | Final    | Original |                 |           | 1        |                 |          |                   |          | Final    | Original   | 1              |  |   |                         |           |                 |          |   |
| ίΞ           | ő        | 13       |              |          |          | į        |          |          |                 |          |       | 诓        | Ğ        |                 |           |          |                 |          |                   | ::::     | ፲        | ō          |                |  |   |                         |           |                 |          |   |
|              |          | -        | _            |          | _        |          |          |          | Ш               |          |       |          |          | $\sqcup$        | 4         | Ц_       | $\sqcup$        |          | $\sqcup$          | _        | ļ        |            | <u> </u>       | $\vdash$   | _   | 4                       | _         | Ш               | _        |   |
|              | 0        | <u>/</u> | _            | _        | -        | _        |          |          |                 |          |       | <u> </u> | 51       | <b>├</b>        | 4         | 4        | $\vdash$        |          | $\vdash$          |          | ļ        | 101        | <u> </u>       |  | _   | +                       | <u> </u>  | $\square$       | _        |   |
|              | 2        | <u>/</u> | _            | -        |          |          | _        | _        | $\square$       |          |       |          | 52       | $\vdash$        | 4         |          | $\vdash$        | +        | $\vdash$          |          |          | 102        | ⊢              | $\vdash$   | _   | +-                      | -         | $\vdash$        |          |   |
|              | 3        | /        |              | -        | +        |          | -        |          | Н               |          |       |          | 53       | -               | +         | ╂        | ⊢               |          | ╂                 |          | ļ        | 103        | ├              | ⊢┼   | +   | ╀                       | ╁         |                 | $\dashv$ | _ |
| <u> </u>     | 5        | <i>'</i> | _            | $\dashv$ | $\dashv$ | -        | -        | -        | Н               |          |       |          | 54<br>55 | $\vdash$        | +         | +        | $\vdash$        |          | $\vdash$          |          | _        | 104<br>105 | ⊢              | $\vdash$   | +   | +                       | ╀         | $\vdash$        | $\dashv$ | _ |
| -            | <u>6</u> | 1        |              | +        | -        |          | -        | _        | Н               |          |       |          | 56       | $\vdash$        | +         | +        | $\vdash$        | +        | +                 |          | _        | 105        | ┢              | ┝┉┼  | ╬   | +                       | ╁         | Н               |          |   |
|              | 7        | -        | $\vdash$     | -+       | $\dashv$ |          |          | -        | Н               |          |       |          | 57       | ┝╌┼╴            | +-        | +        | $\vdash$        |          | ╁╌┼               |          |          | 107        | ╁              | $\vdash$   | +   | ╁                       | +         | $\vdash$        | $\dashv$ |   |
|              | 8        | H        |              | $\dashv$ | 十        | $\dashv$ | $\dashv$ |          | H               | _        |       |          | 58       |                 | +         | +-       |                 | +        | +                 |          | $\vdash$ | 108        | $\vdash$       | $\vdash$   | +   | +                       | $\vdash$  | $\vdash$        | $\dashv$ |   |
|              | 9        |          |              | $\dashv$ | ┪        | _        | $\dashv$ |          |                 | _        |       | <u> </u> | 59       | $\vdash$        | $\dagger$ | Ť        | H               | +        | +                 | $\dashv$ | $\vdash$ | 109        | $\vdash$       | $\vdash$   | +   | +                       | $\vdash$  | Н               | $\dashv$ | _ |
|              | 10       | $\vdash$ |              | $\dashv$ | ┪        | $\dashv$ | 一        |          | Н               |          |       |          | 60       |                 | $\top$    |          | $\Box$          | +        | $\Box$            |          | $\vdash$ | 110        | 1              |  |   | +                       | $\dagger$ |                 | 一        | _ |
|              | 11       |          | $\Box$       | $\dashv$ | _        | $\neg$   | 一        |          | $\Box$          | _        |       |          | 61       |                 | 十         | $\top$   | $\sqcap$        | $\top$   | $\dagger \dagger$ | 7        | Г        | 111        | Т              |  | $\top$  | †                       | $\top$    | $\Box$          | ヿ        | _ |
|              | 12       |          |              | $\neg$   | $\dashv$ | $\neg$   | $\neg$   |          |                 | _        |       |          | 62       |                 | 十         | 1        | $\sqcap$        | $\top$   |                   | $\neg$   |          | 112        | Ι-             | $\sqcap$   | $\top$  | 1                       | 1         | $\Box$          | $\dashv$ | _ |
|              | 13       |          |              |          | $\dashv$ | $\neg$   | $\neg$   |          |                 | -        |       |          | 63       |                 | $\top$    | İ        | $\sqcap$        |          |                   | 7:::     |          | 113        | Π              | $\sqcap$   | T   | T                       |           | П               | $\neg$   | _ |
|              | 14       |          |              |          |          |          |          |          |                 |          |       |          | 64       |                 |           | Ī        |                 |          |                   |          |          | 114        |                |  |   |                         |           |                 | $\neg$   | _ |
|              | 15       |          |              |          |          |          |          |          |                 |          |       |          | 65       |                 | Ι         |          |                 |          |                   |          |          | 115        |                |  |   |                         |           |                 |          |   |
|              | 16       |          |              |          | $\Box$   |          |          |          |                 |          |       |          | 66       |                 |           |          | $\square$       |          |                   |          |          | 116        |                |  | $oldsymbol{\mathbb{T}}$                           | $oldsymbol{\mathbb{L}}$ |           |                 |          |   |
|              | 17       |          |              |          |          |          |          |          |                 |          |       |          | 67       |                 |           |          |                 |          |                   |          |          | 117        |                |  |   |                         |           |                 |          |   |
|              | 18       |          |              |          |          | [        | _]       |          |                 |          |       |          | 68       |                 | $\perp$   |          |                 |          |                   |          |          | 118        |                |  |   |                         |           |                 |          |   |
|              | 19       |          |              |          |          | _        |          |          | Ш               |          |       |          | 69       |                 | $\perp$   |          | $\sqcup$        |          | $\perp \perp$     | _        |          | 119        | L              |  |   |                         |           |                 | $\Box$   |   |
|              | 20       | <u> </u> |              | _        | _        | _        | _        |          |                 |          |       |          | 70       | Ш               | _         | <u> </u> | $\sqcup$        |          | $\perp \perp$     | _        |          | 120        |                | $oxed{oxed}$                                     | _   | _                       | _         | Щ               | _        |   |
| <u> </u>     | 21       | _        |              | _        | 4        | _        | _        | _        |                 |          |       |          | 71       | $\sqcup$        | _         | _        | $\sqcup$        |          | $\sqcup$          |          |          | 121        | L              |  |   |                         | 1_        | Ш               | _        |   |
|              | 22       |          |              | _        | 4        | _        | $\dashv$ |          |                 |          |       |          | 72       | $\vdash$        | $\perp$   | $\bot$   | $\vdash$        |          | $\sqcup$          | _        |          | 122        | _              | <u> </u>   |   | $\bot$                  | ┞         | $\sqcup$        | _        | _ |
|              | 23       | <u> </u> | Щ            | _        | -        | _        |          | _        |                 |          |       |          | 73       | $\vdash$        | _         | -        | $\vdash$        |          | 1-1               |          |          | 123        |                | -  | _   | +                       | ┞         | Н               | $\dashv$ |   |
| <u> </u>     | 24       | <u> </u> |              |          | -+       |          |          |          | $\vdash \vdash$ |          |       |          | 74       |                 | +         | +-       | $\vdash$        | -        |                   |          |          | 124        | -              | $\vdash \vdash$                                  | +   | ╄                       | 1         | $\vdash$        | -        | _ |
| ├—           | 25       |          | -            | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$        |          |       |          | 75       | $\vdash$        | +         |          |                 | -        | 1                 |          |          | 125        | -              | ₽₽.  | _   | +-                      | ⊢         | Н               | -        |   |
| <u> </u>     | 26<br>27 | H        | Н            | +        | $\dashv$ |          | $\dashv$ | $\dashv$ |                 | _        |       |          | 76<br>77 | $\vdash$        | +         | +        | $\vdash$        | +        | +                 |          |          | 126<br>127 | <del> </del> — | ┝╌┼  | +-  | ┿                       | ┼         | $\vdash$        | $\dashv$ | _ |
|              | 28       | Н        | Н            | -        | -+       | $\dashv$ |          | $\dashv$ |                 | _        |       |          | 78       | $\vdash$        | ╁         | +        | -               | +-       | ╁                 |          | -        | 128        | ⊢              | H  | -   | ┿                       | ╁         | $\vdash$        | $\dashv$ | _ |
| <u> </u>     | 29       | -        | $\vdash$     | -        | $\dashv$ |          | $\dashv$ |          | $\dashv$        | _        |       |          | 79       | $\vdash$        | ╁         | +-       | $\vdash$        | +-       | +                 |          | -        | 129        | ├              | $\vdash$   | +   | +                       | ╁         | Н               | $\dashv$ |   |
|              | 30       |          | Н            | $\dashv$ | ┰        |          | +        |          | $\dashv$        | -        |       |          | 80       |                 | ╁         | +        | $\vdash$        | +        | +                 |          | -        | 130        | 1              | ╁  | +   | ╁                       | $\vdash$  | H               | $\dashv$ | _ |
|              | 31       | Н        | $\dashv$     | -+       | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | $\dashv$        |          |       |          | 81       |                 | ╁         | +-       | $\vdash$        |          | $\vdash$          |          | _        | 131        | ┢              | +  | +   | +-                      | ╁         | $\vdash$        | $\dashv$ | _ |
| <u> </u>     | 32       | $\vdash$ | H            | _        | +        | +        | $\dashv$ | $\dashv$ | $\vdash$        |          |       |          | 82       | $\vdash$        | +         | +        | H               | +        | $\forall$         | -        |          | 132        | $\vdash$       | +  | +   | +                       | +         | $\vdash$        | -+       |   |
|              | 33       | П        | Н            | 寸        | $\dashv$ | _        | _        |          |                 |          |       |          | 83       | $\vdash$        | $\top$    | +        | $\vdash$        |          | $\Box$            | -        |          | 133        | T              |  | +   | 1                       | $\vdash$  | $\vdash$        | $\dashv$ |   |
|              | 34       |          |              | $\dashv$ | 7        |          | $\neg$   |          |                 |          |       |          | 84       |                 | $\top$    | $\top$   | $\Box$          |          | $\sqcap$          | <b></b>  |          | 134        | Т              | 1  | $\top$  | 1                       | 1         | П               | $\dashv$ | _ |
|              | 35       |          |              |          |          |          |          |          |                 |          |       |          | 85       |                 | 1         | 1        |                 |          | $\sqcap$          |          |          | 135        | Г              |  | $\top$  | 1                       | T         | П               | $\neg$   | _ |
|              | 36       |          |              |          |          |          |          |          |                 |          |       |          | 86       |                 |           |          |                 |          |                   |          |          | 136        |                |  | T   | 1                       |           | П               | ヿ        |   |
|              | 37       |          |              |          |          |          |          |          |                 |          |       |          | 87       |                 |           | I        |                 |          |                   |          |          | 137        |                |  |   |                         |           |                 |          | _ |
|              | 38_      |          |              | $\Box$   | $\bot$   |          |          | $\Box$   |                 |          |       |          | 88       |                 |           |          |                 |          |                   |          |          | 138        |                |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                         |           |                 |          | _ |
|              | 39       |          | $oxed{oxed}$ |          | _[       |          |          |          |                 |          |       |          | 89       |                 |           |          |                 |          | Ш                 |          |          | 139        | 匚              |  |   |                         |           | $\Box$          |          |   |
|              | 40       |          |              | _        | $\perp$  | [        |          | ·        |                 |          |       |          | 90       |                 | $\perp$   |          |                 |          | $\coprod$         |          |          | 140        |                |  |   |                         |           |                 |          |   |
| L            | 41       | Щ        | $\sqcup$     | _        | _        |          |          |          |                 |          |       |          | 91       | $\perp \perp$   | $\bot$    | ╽.       | Ш               | $\perp$  |                   |          |          | 141        | <u> </u>       | $\sqcup$   | $\perp$   | 1                       | <u> </u>  | Ш               |          |   |
|              | 42       |          | Щ            | _        | 4        | _        |          | _        | $\Box$          |          |       |          | 92       | Щ.              | 4         | ╄-       | $\sqcup$        | $\bot$   | Ш                 | _        |          | 142        |                | $\sqcup \bot$                                    | _   |                         |           | Ш               | [        |   |
|              | 43       |          |              | $\dashv$ | 4        | _        | _        | _        | $\sqcup$        | _        |       |          | 93       | ⊢- -            | $\bot$    | _        | $\vdash$        | $\perp$  | $\sqcup$          | _        |          | 143        | <u> </u>       | $\sqcup \bot$                                    | $\bot$  | $\perp$                 | ــــ      | $\sqcup$        | _        | _ |
|              | 44       |          | $\square$    | $\dashv$ | $\dashv$ |          |          |          | $\sqcup$        | _        |       |          | 94       | $\vdash \vdash$ | +         | +        | $\sqcup$        | -        | $\vdash$          |          |          | 144        | <u> </u>       | <del>                                     </del> | _   | 1                       | ऻ_        | $\sqcup$        | _        | _ |
| <u> </u>     | 45       | $\vdash$ |              | -        | 4        | _        | -        |          | $\dashv$        |          |       |          | 95       |                 |           | +        | $\vdash \vdash$ | -        | $\vdash \vdash$   |          |          | 145        | <u> </u>       | -  | - -   | ╁.                      | ₩         | $\sqcup$        |          | _ |
| <u> </u>     | 46<br>47 |          | $\vdash$     | $\dashv$ | +        | $\dashv$ | $\dashv$ | 4        |                 | _        |       |          | 96       | -+              | +         | +-       | $\vdash$        | +        | $\vdash$          |          |          | 146        | <u> </u>       | $\vdash \vdash$                                  | - -   | +                       | $\vdash$  | $\vdash \vdash$ | 4        |   |
| <u> </u>     | 47       | H        | $\dashv$     |          | +        | -+       | $\dashv$ |          |                 | _        |       |          | 97<br>98 | -               | +-        | +-       | ┝╼┼             | +        | +-+               |          |          | 147        | -              | - -  | +   | +                       | $\vdash$  | $\dashv$        | -+       | _ |
| <del> </del> | 49       | Н        | $\dashv$     | $\dashv$ | +        | -        | $\dashv$ |          | $\dashv$        |          |       |          | 98       |                 | +         | +        | $\vdash \vdash$ | +        | +                 |          |          | 148        | -              | ⊢⊹   | +   | +                       | $\vdash$  | $\vdash$        | $\dashv$ | _ |
|              | 50       | $\vdash$ | $\vdash$     | $\dashv$ | +        | $\dashv$ |          | -        |                 | $\dashv$ |       |          | 100      | $\dashv$        | +         | +        | $\vdash \vdash$ | $\dashv$ | $\vdash$          |          |          | 149<br>150 | $\vdash$       | $\vdash$   | +   | +                       |           | $\vdash$        | +        | _ |
|              | 50       |          |              |          |          |          |          |          |                 |          | ::::: |          | 100      |                 |           | 1        | L I             |          | 1_1               |          | L        | 1150       |                |  | - 1   | 1                       | L_        | $oxed{oxed}$    |          |   |